

ABSTRACT

The present invention is for a high performance data cable which has an interior support or star separator. The star separator or interior support extends along the 5 longitudinal length of the data cable. The star separator or interior support has a central region. A plurality of prongs or splines extend outward from the central region along the length of the central region. Each prong or 10 spline is adjacent with at least two other prongs or splines. The prongs or splines may be helixed or S-Z shaped as they extend along the length of the star separator or interior support. Each pair of adjacent prongs or splines defines grooves which extend along the 15 longitudinal length of the interior support. At least two of the grooves have disposed therein an insulated conductor. The interior support can have a first material and a different second material. The different second material forms an outer surface of the interior support.